



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Wednesday, June 5, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Heavy rainfall/flash flooding *likely* across SE TX/S LA. Flash flooding is also possible across N LA, E TX into S AR & SE OK.
- Severe thunderstorms with damaging winds and large hail possible across E NM/W TX. Severe thunderstorms also across SE TX /SW LA with damaging winds and an isolated tornado possible.

Thursday – Saturday

- Heavy rain/flash flooding threat continues across AR, E OK, LA and E TX Thursday into Friday.
- Severe thunderstorms are possible Thursday over C/SE TX into SW LA and again across SE TX and LA on Friday. Damaging winds will be the main threat with these storms.

Major River Flooding or Known Evacuations

- The Arkansas River is cresting in major flood at Pine Bluff today.
- The Mississippi River is slowly rising and will crest next week.

FEMA Region 6 Threat Matrix

June 5, 2019 – Jun 9, 2019



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	E NM, WTX, SETX, SW LA	C/SETX	SETX, LA		
		ETX, SW LA			
Heavy Rain / Flash Flooding	SETX, S LA	SE LA	AR, LA	E AR, E LA	
		ETX, E OK, AR, LA			
Fire Weather					
Tropical Weather					
River Flooding	OK, AR	OK, AR	OK, AR	OK, AR	OK, AR
	LA	LA	LA	LA	LA
	TX	TX	TX	TX	TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

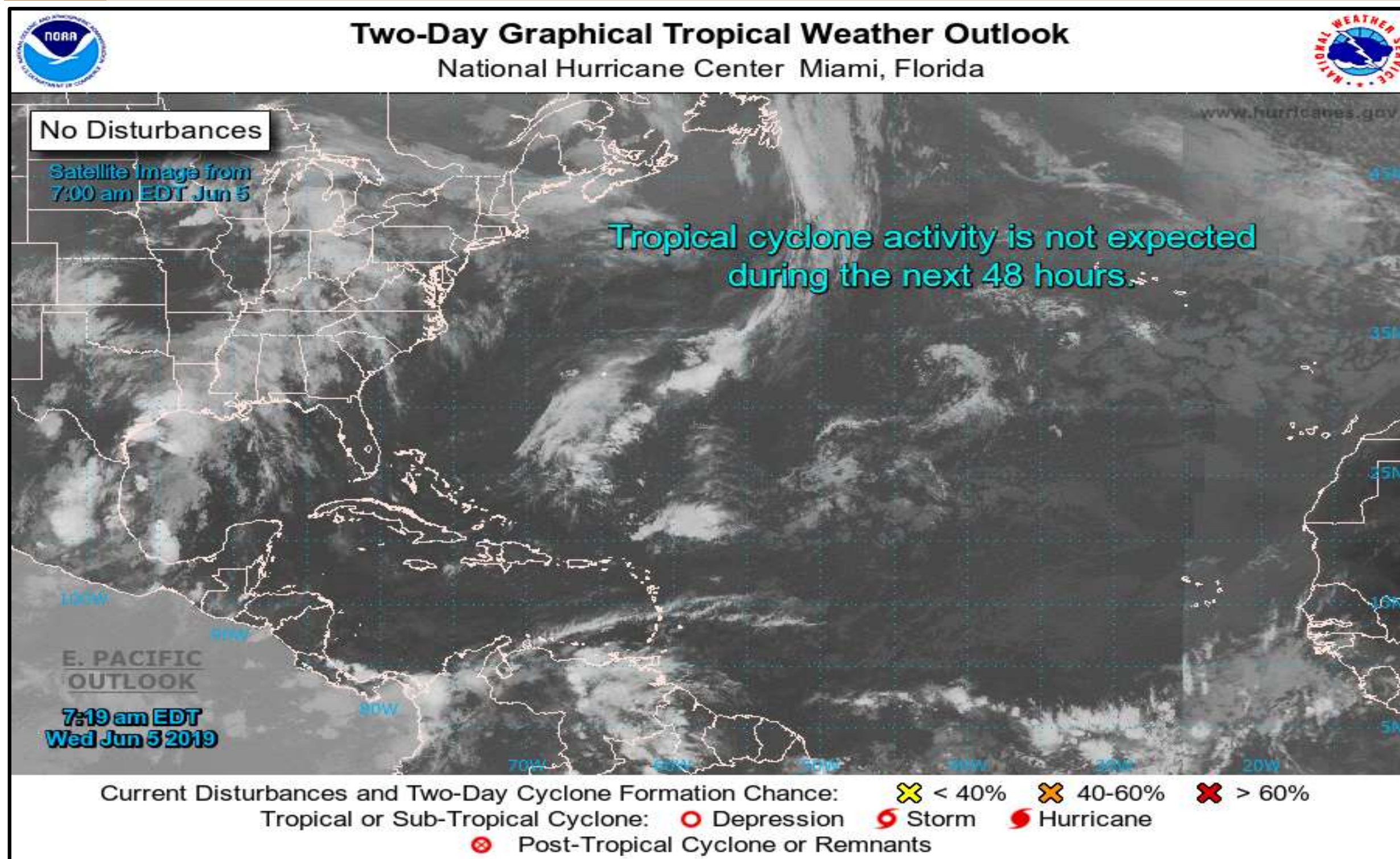
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

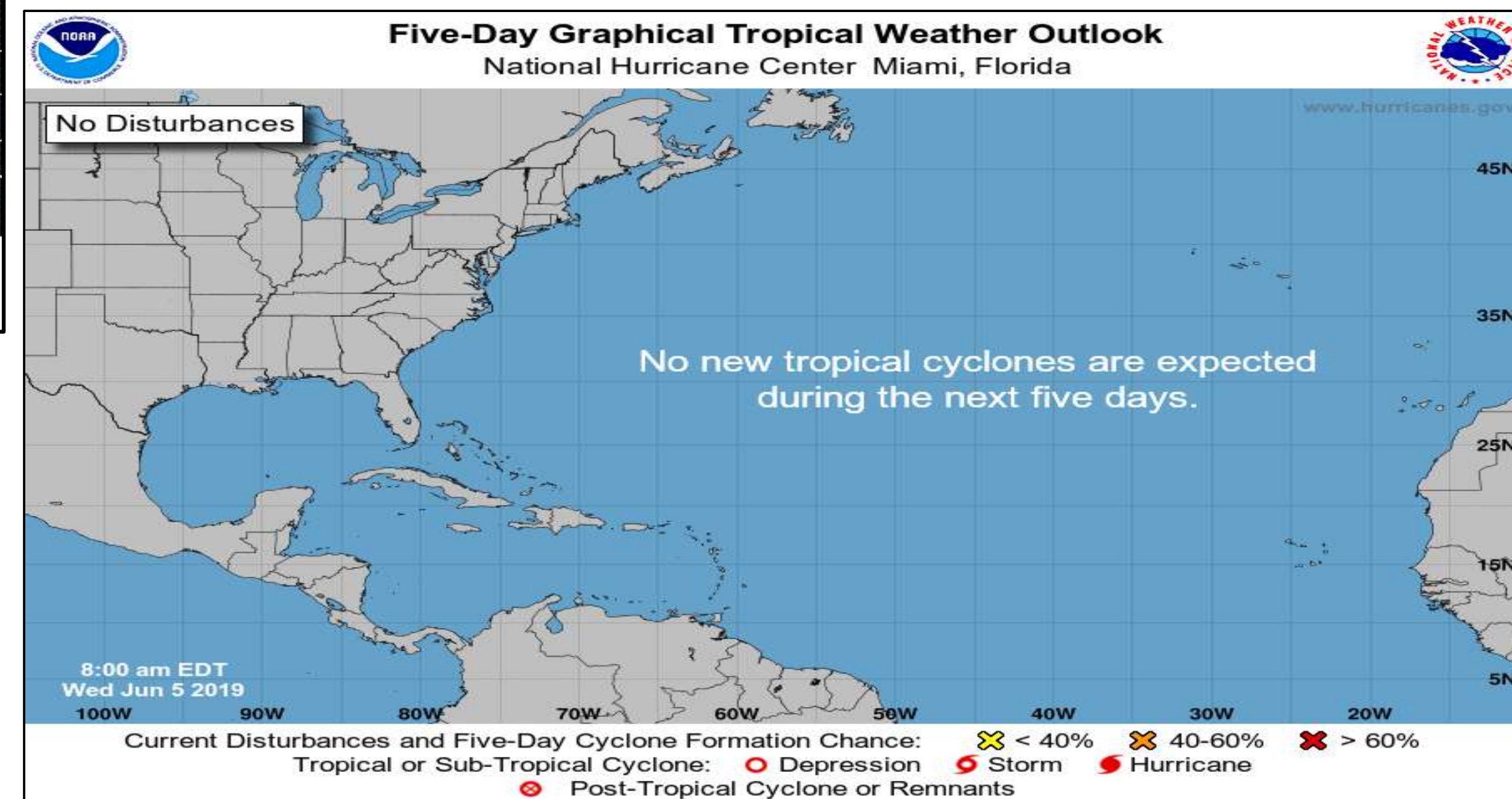
Tropical Weather Outlook – Atlantic/Gulf



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No Tropical Cyclone Development is expected at this time.

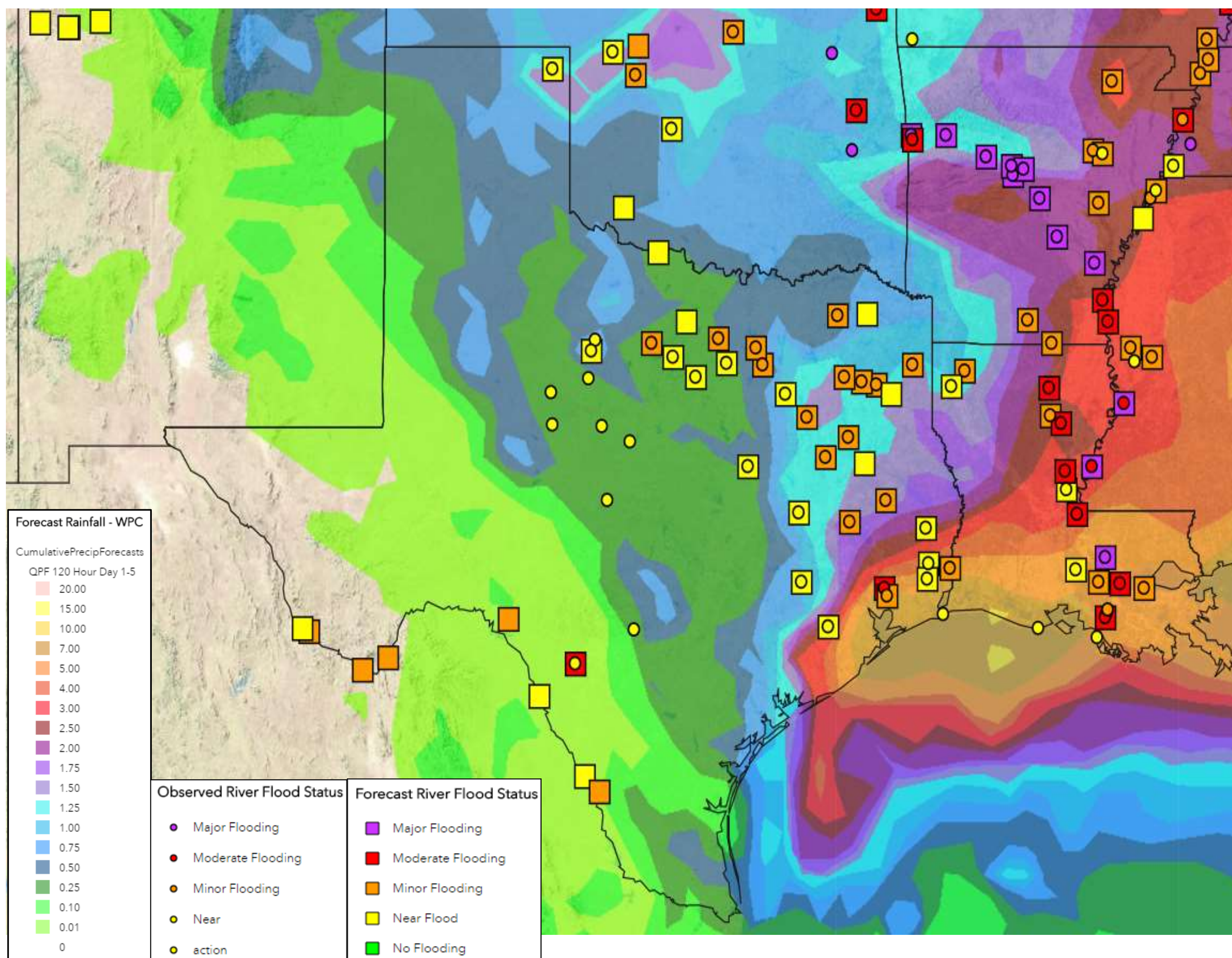


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Rare, record flooding of the Arkansas River continues.

- The river is cresting at Little Rock today, see next slide for details on other points along the River in AR.
- Rain later this week (depicted in the 5-day rainfall forecast to the left) will slightly prolong the ongoing flooding, but is not expected to create additional crests on the AR River.

The Mississippi River will continue a slow rise into next week.

- Near Arkansas City, a crest in moderate flood is expected early next week with mostly roads impacted.
- The USACE has delayed the potential opening of the Morganza Floodway until Sunday.
- The Atchafalaya River at Morgan City, LA is forecast to crest in the third week of June and the current forecast is the 3rd highest crest on record and the highest since May 2011. Buildings in Morgan City will be flooded, and river traffic restrictions strictly enforced.
- Rainfall over the next several days will likely lead to minor to moderate flooding on smaller rivers and tributaries; however only very minor rises are expected on the Arkansas and Mississippi Rivers

Arkansas River Flooding

Weather Forecast Office

Little Rock, AR

Issued June 4, 2019 10:00 PM CDT



Location	Latest Stage	Flood Stage	Projected Crest	Crest Date	Flood Category (Current)
Van Buren	31.2 ft @ 09 PM	22.0 ft	FALLING!	Crested R	Major
Ozark	370.8 ft @ 09 PM	357.0 ft	FALLING!	Crested	Major
Dardanelle	43.1 ft @ 09 PM	32.0 ft	FALLING!	Crested R	Major
Morrilton	42.5 ft @ 09 PM R	30.0 ft	STEADY	Crested R	Major
Toad Suck	285.2 ft @ 08 PM R	275.0 ft	STEADY	Cresting	Major
Little Rock	29.7 ft @ 09 PM	23.0 ft	29.8 ft	Near Crest	Major
Pine Bluff	50.6 ft @ 09 PM	42.0 ft	51.0 ft	June 6th	Major
Pendleton	36.6 ft @ 09 PM R	31.0 ft	37.3 ft R	June 7th	Major

R = Record Crest

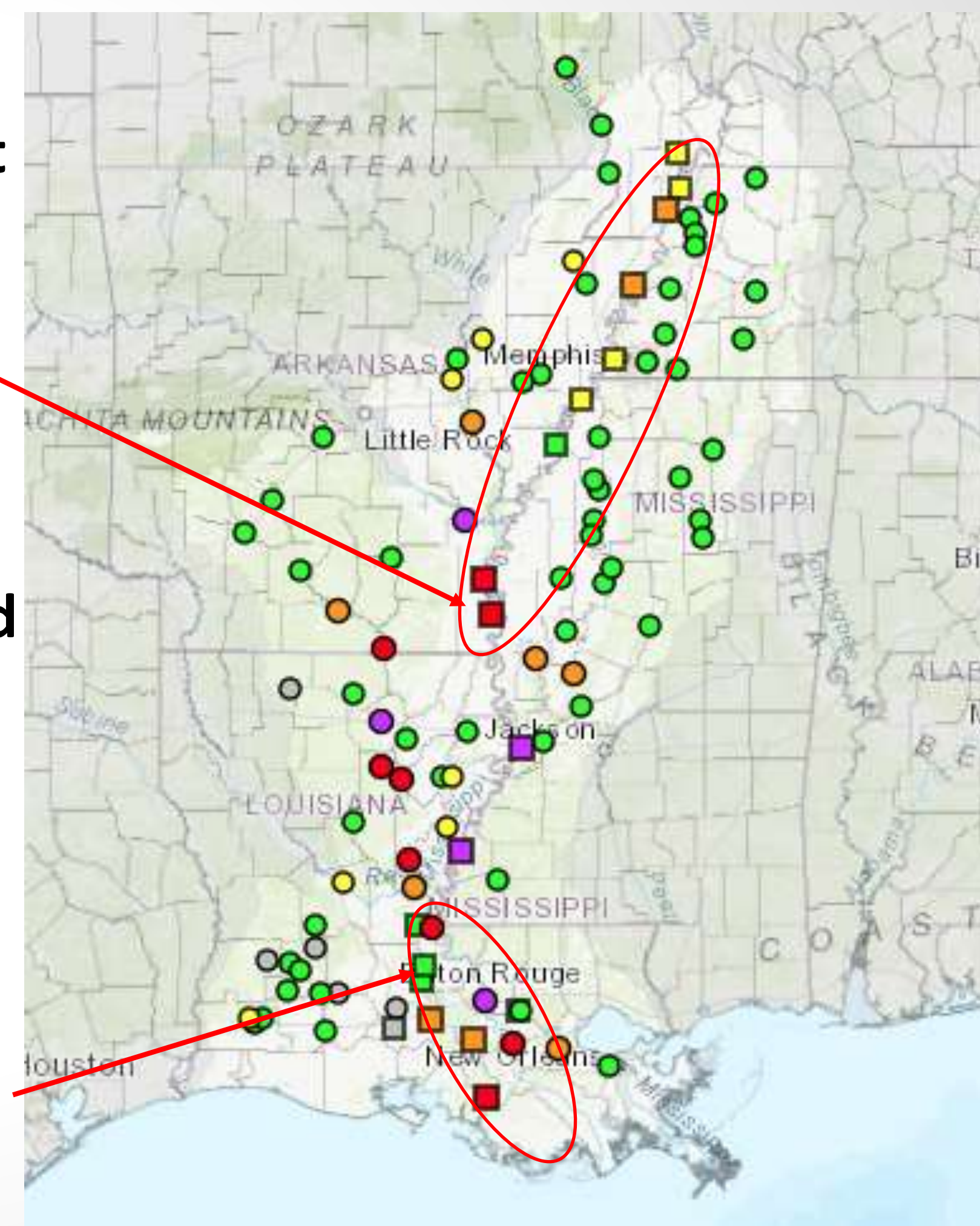
Water levels along the Arkansas River will remain high or continue to rise this week.

Be prepared and keep up with the latest river stages and forecasts!

<https://water.weather.gov/ahps2/index.php?wfo=lzk>

Lower Mississippi River

- The Lower Mississippi is rising from Cape Girardeau, MO downstream to Greenville, MS. The Arkansas River flows should peak at the MS River within a week. Rises of 1 to 2 feet are expected over the next couple of weeks.
- Overtopping, levee breaches, and storage on the AR River has reduced the crest stages and pushed back the timing for crests for the Lower Mississippi River. Based on this, the USACE has delayed the decision to operate Morganza Floodway until Sunday, June 9th.



Today's Weather



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Forecast Chart

Forecast Rainfall

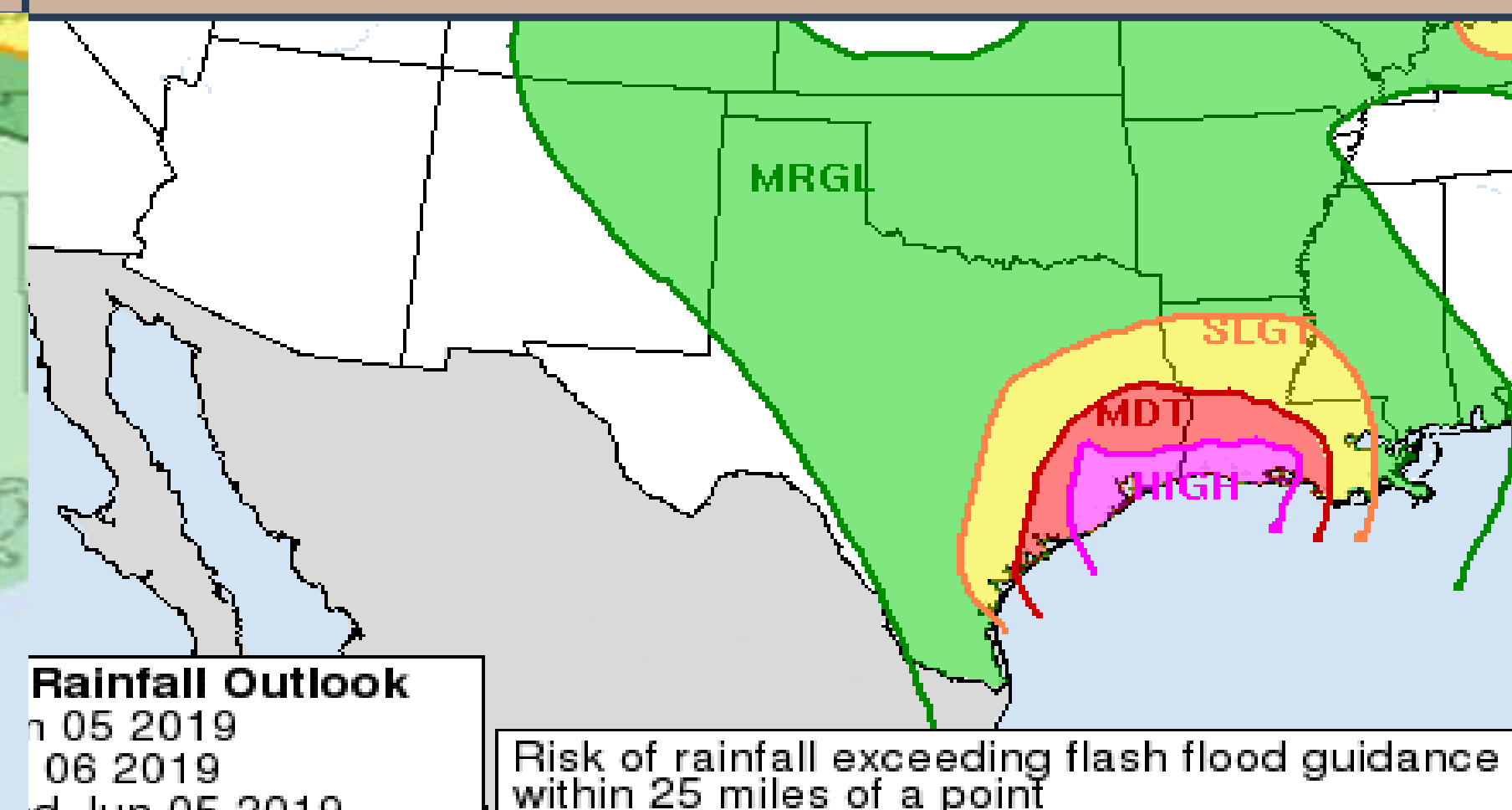
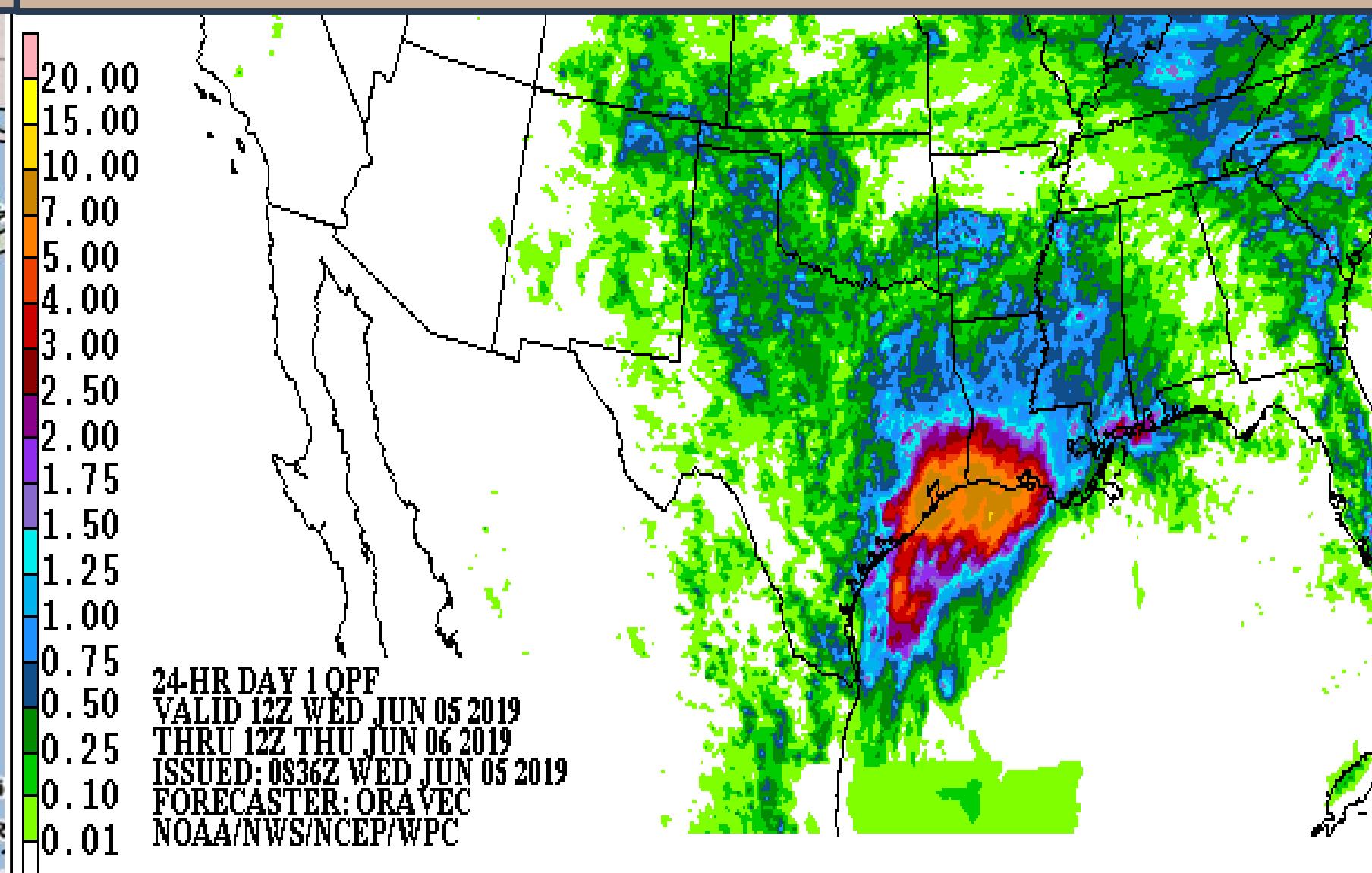
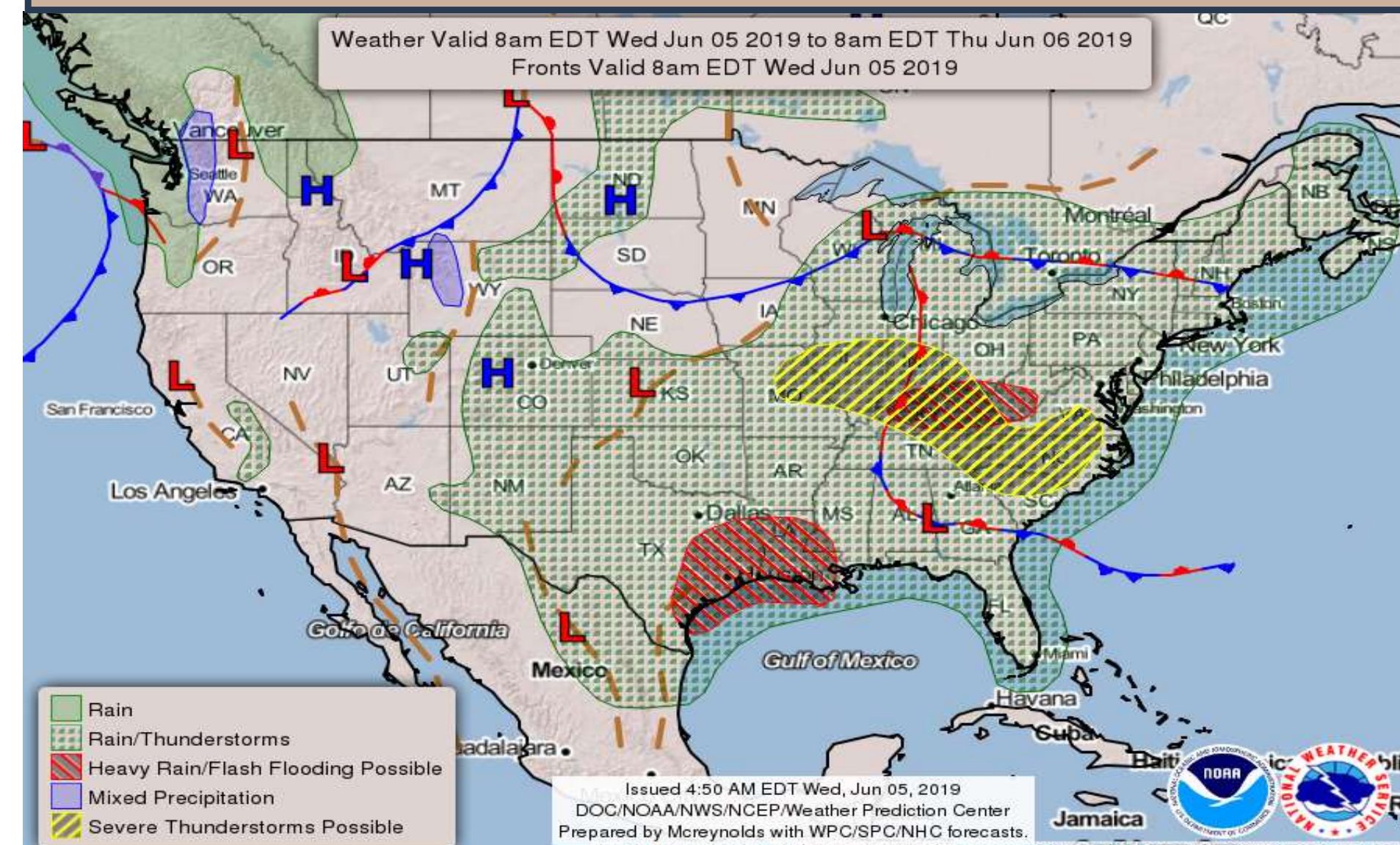
**Heavy rainfall/flash flooding
likely across SE TX/S LA.**

**Flash flooding is also
possible across E TX, N LA
into S AR & SE OK.**

**Isolated severe storms
(marginal risk) possible
across E NM, W/SE TX into
S LA.**

Severe Weather Outlook

Excessive Rainfall Outlook



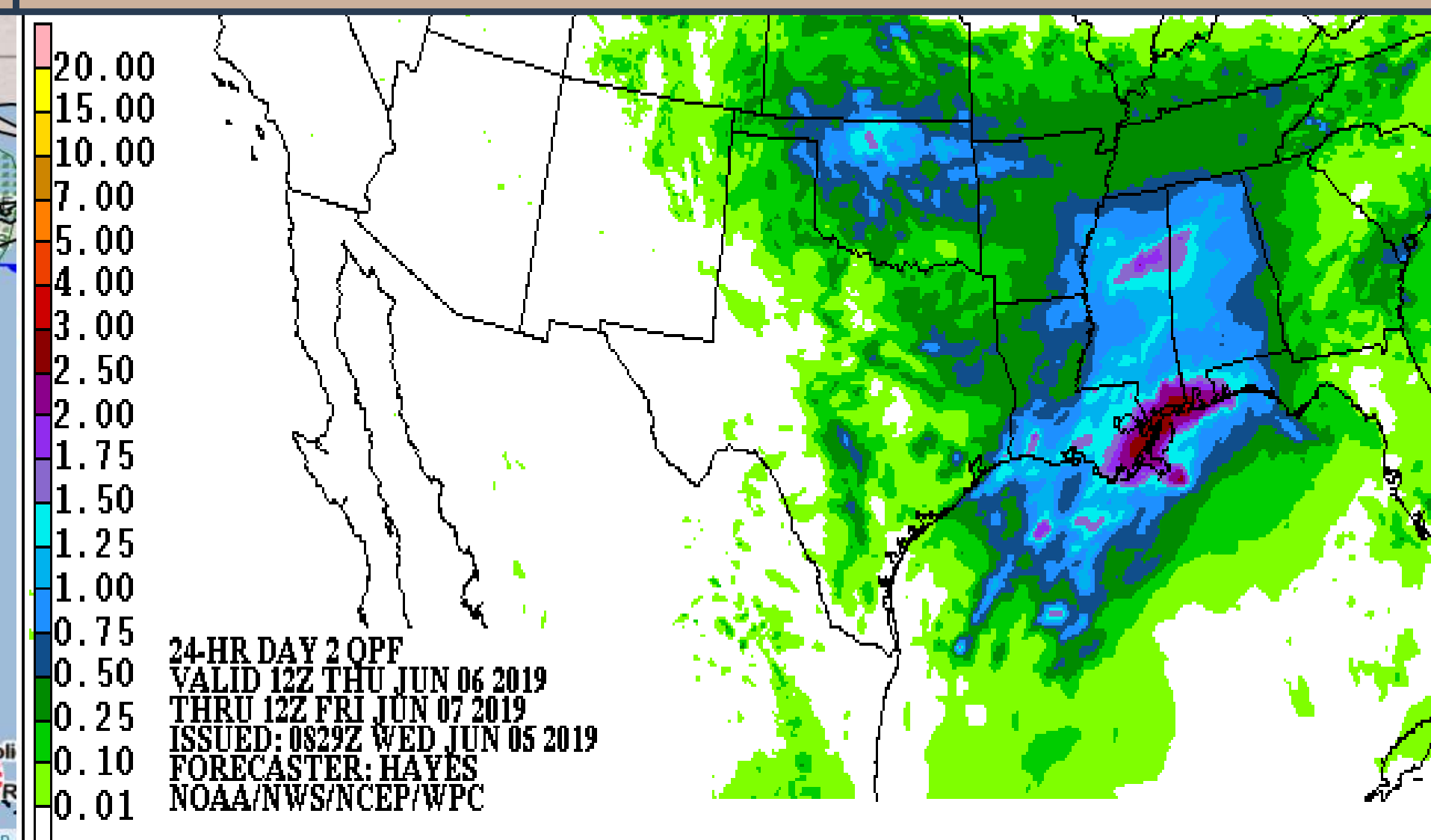
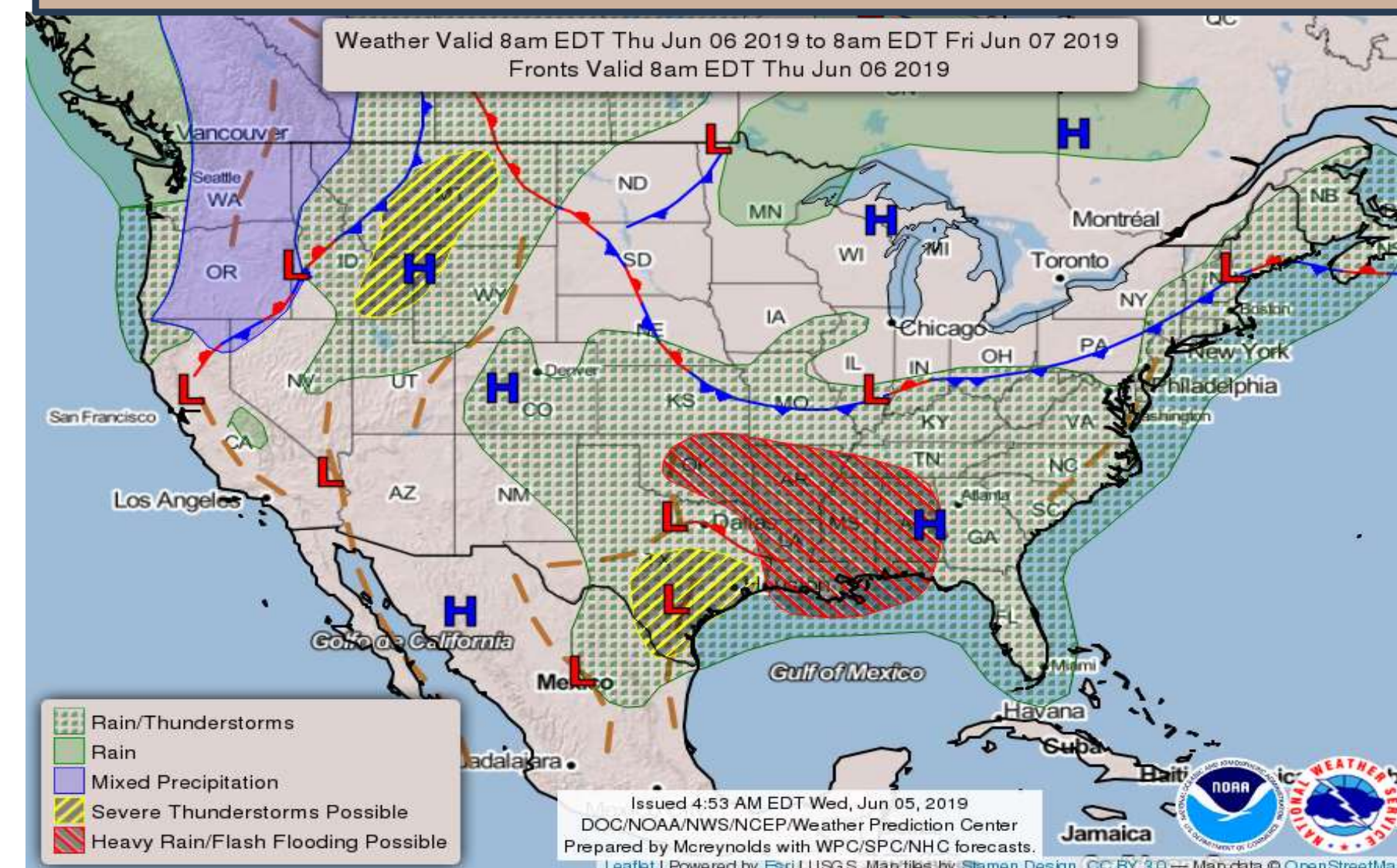
Tomorrow's Weather



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Forecast Chart

Forecast Rainfall



Heavy rainfall/flash flooding
likely over SE LA.

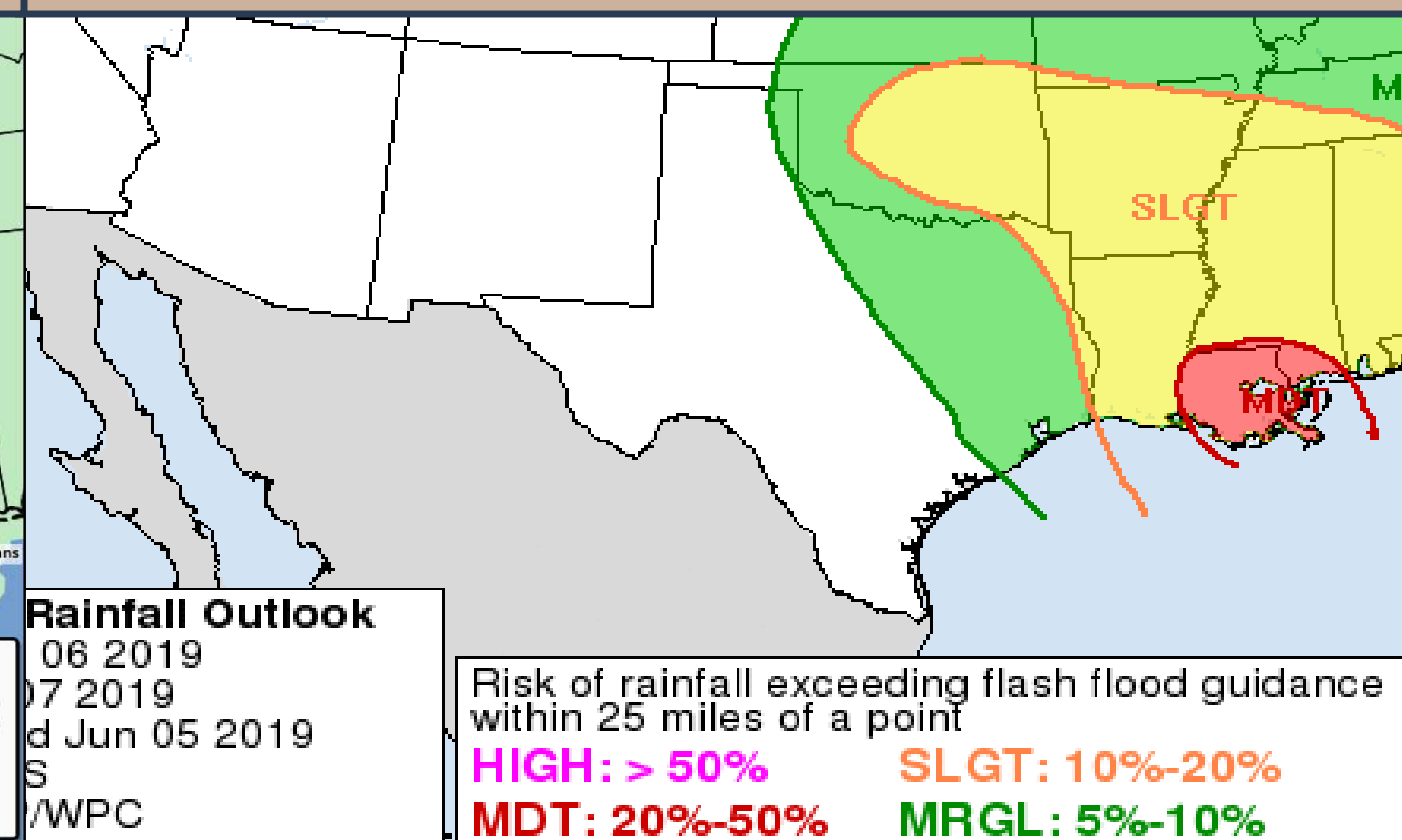
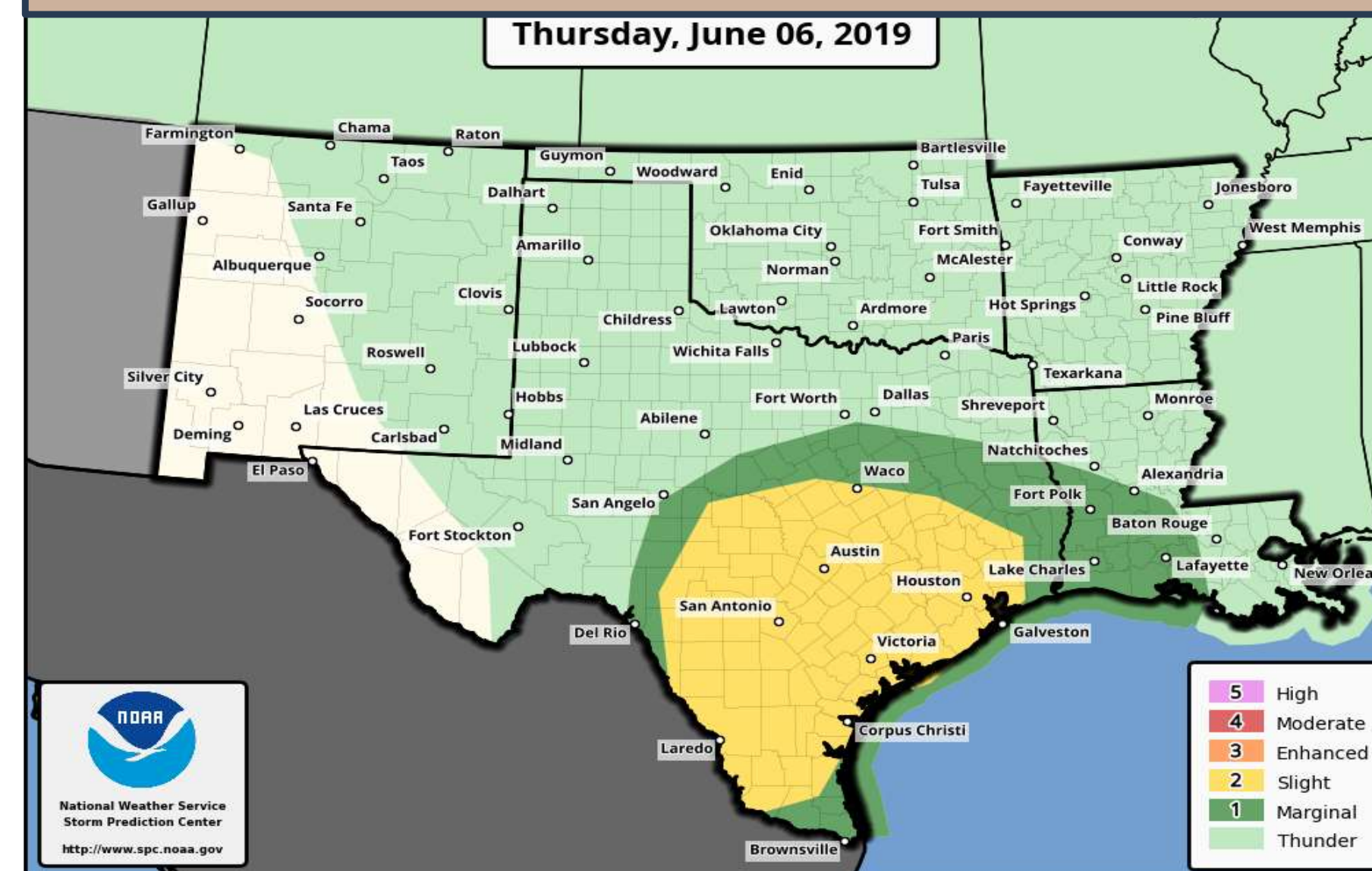
Severe thunderstorms
possible across SE/CTX.

Heavy rain/flash flooding is
possible across much of E
TX, E OK, AR & LA.

Isolated severe storms
(marginal risk) across SE TX
into SW LA.

Severe Weather Outlook

Excessive Rainfall Outlook



Friday's Weather



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Forecast Chart

Forecast Rainfall

Heavy rain/flash flooding possible across LA/AR

Severe storms possible(damaging winds) across SETX & LA

Severe Weather Outlook

Excessive Rainfall Outlook

Friday, June 07, 2019

Rainfall Outlook

07 2019
08 2019
d Jun 05 2019
S
P/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

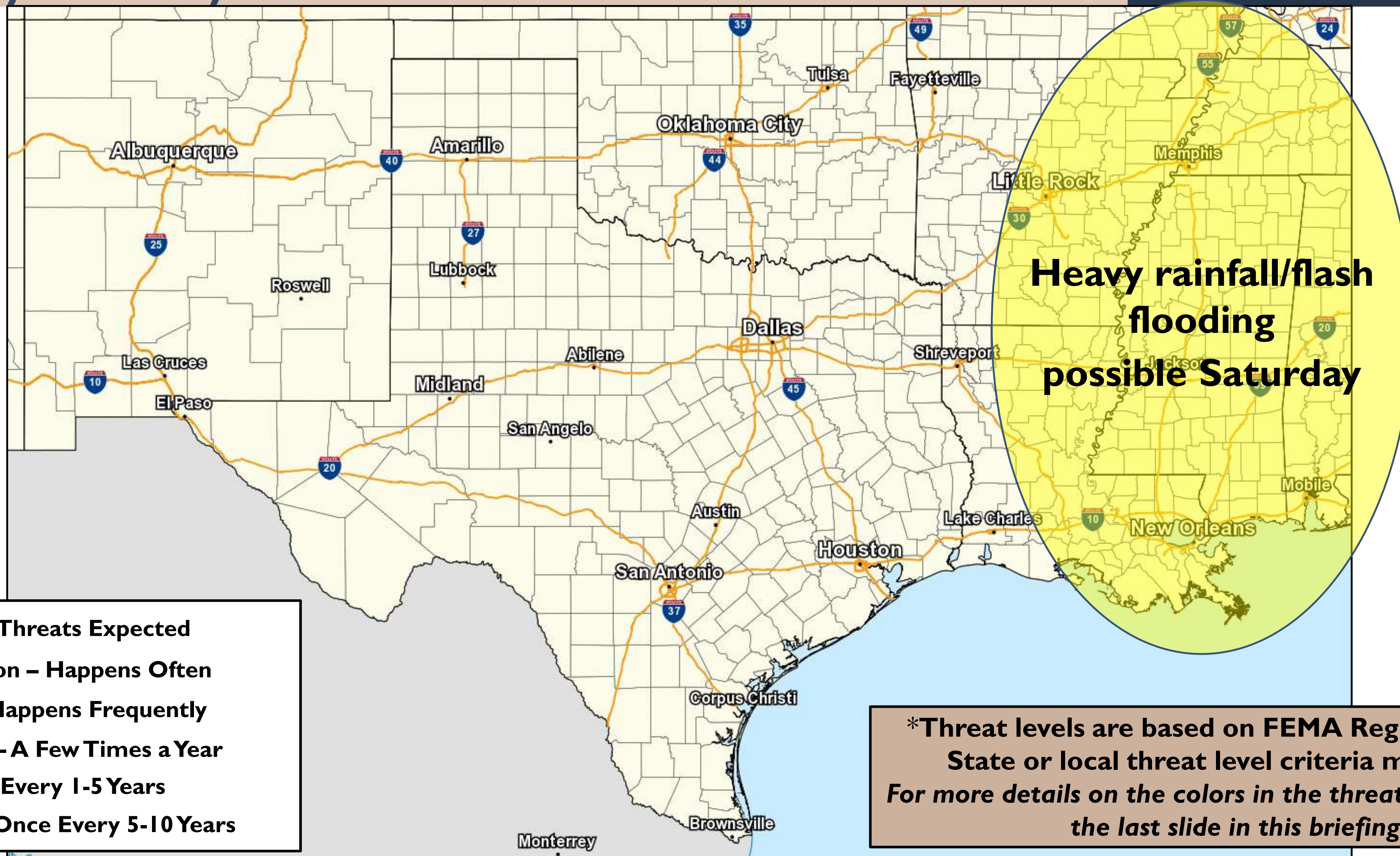
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Days 4-5 Weather Hazards

Saturday – Sunday



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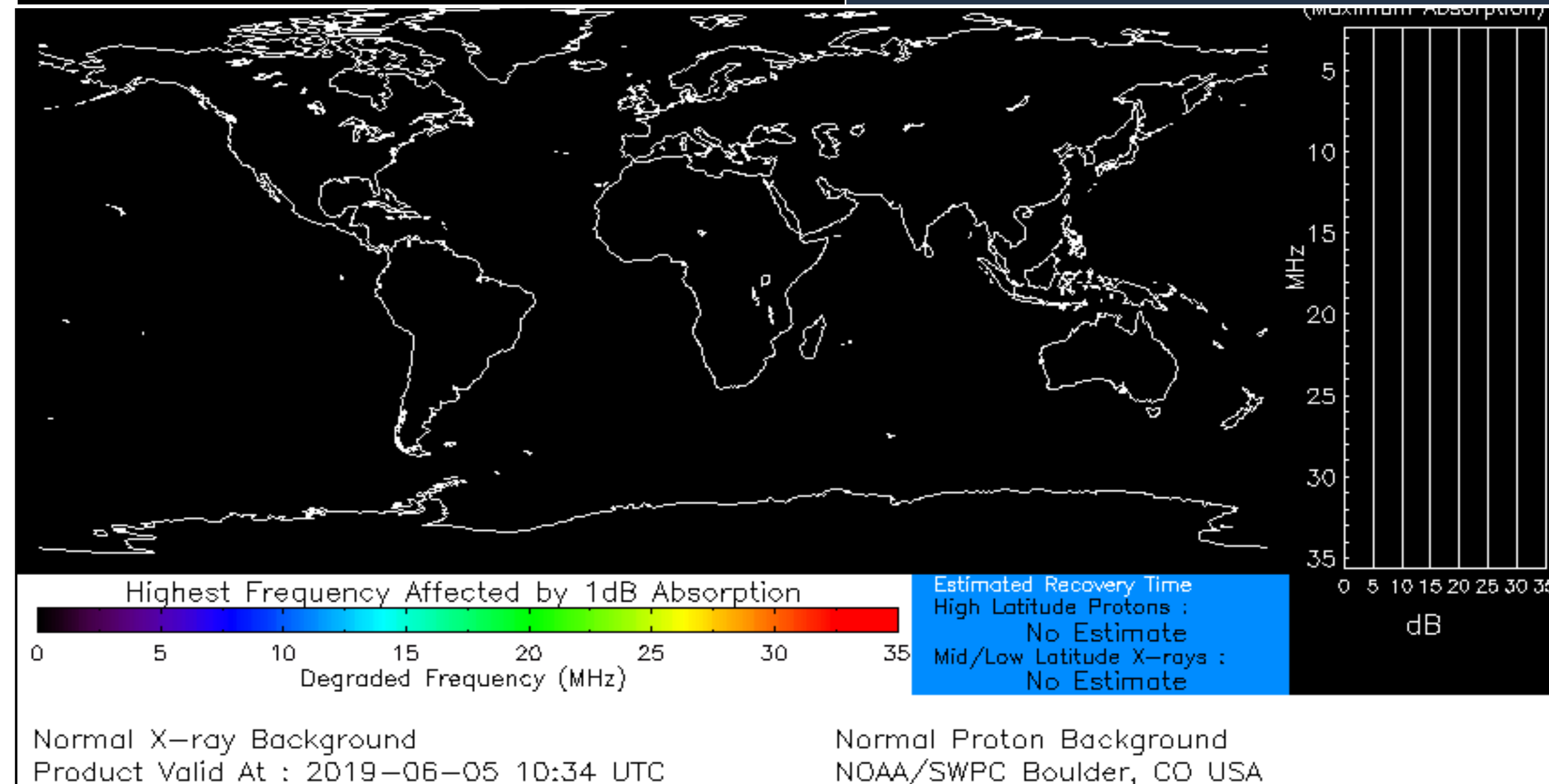


Space Weather 3-Day Forecast



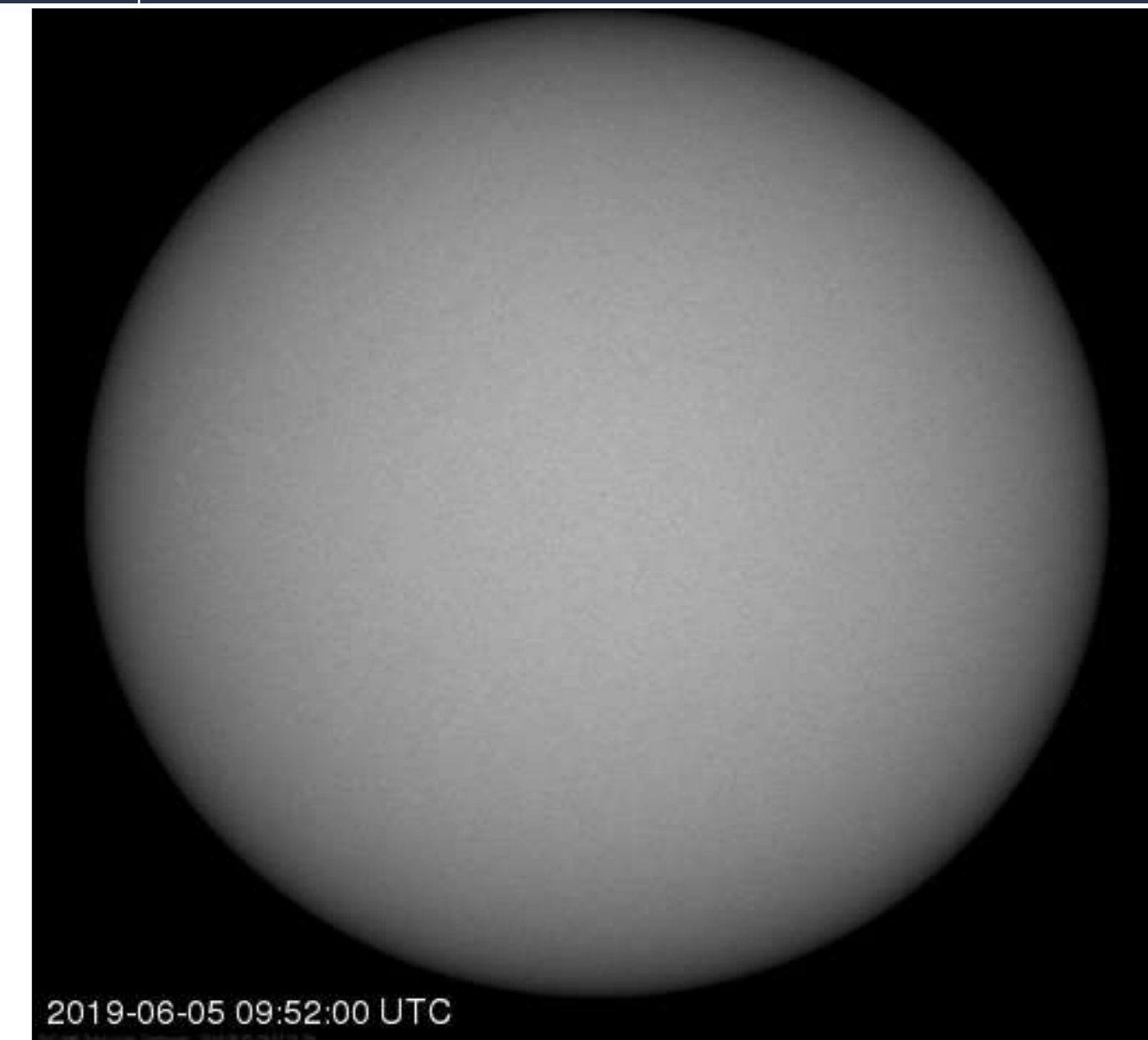
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov